CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. [Previously Presented] An apparatus for use in a wireless remote site monitoring system, comprising:

a remote sensor configured to receive a command to enable or disable the sensor and obtain data that is of an environmental nature;

a control board including a microprocessor and a plurality of serial communication ports, one of the serial communication ports providing a link to the remote sensor, the control board configured to receive and process the data from a variety of types of data collection devices, including the remote sensor, place the data into at least one packet, and transmit the at least one packet from the control board using wireless communications;

a battery configured to provide primary power to the control board; and

a solar panel configured to recharge the battery.

2. [Previously Presented] The apparatus as in claim 1, wherein the remote sensor is a digital sensor.

3. [Previously Presented] The apparatus as in claim 1, wherein the remote sensor is an analog sensor.

4. [Original] The apparatus as in claim 3, further comprising an analog to digital converter linked to the control board.

5. [Original] The apparatus as in claim 2, wherein the digital sensor is compatible with a protocol selected from the group consisting of serial data interface twelve (SDI-12) protocol, 12C, RS-232 and RS-432.

6-9. [Cancelled]

10. [Previously Presented] The apparatus as in claim 1, wherein the remote sensor comprises a temperature sensor.

11-12. [Cancelled]

13. [Previously Presented] The apparatus as in claim 1, wherein the remote sensor comprises a voltage sensor.

14. [Previously Presented] The apparatus as in claim 13, wherein the voltage sensor measures the voltage of a solar/battery system.

15. [Previously Presented] The apparatus as in claim 1, wherein the remote sensor monitors a liquid level.

16-20. [Cancelled]

21. [Previously Presented] The apparatus as in claim 1, wherein the compressed data is transmitted to a base station or General Packet Radio Service/Global System for Mobile Communication (GPRS/GSM) gateway.

22-25. [Cancelled]

26. [Previously Presented] The apparatus as in claim 1, wherein the data is an N-byte wide message.

27. [Original] The apparatus as in claim 26, wherein the N-byte wide message is a maximum of 96 bytes.

28. [Original] The apparatus as in claim 26, wherein the N-byte wide message is a maximum of 512 bytes.

29. [Previously Presented] The apparatus as in claim 26, wherein the N-byte wide message is comprised of a header and sensor data.

30-34. [Cancelled]

35. [Previously Presented] The apparatus as in claim 1 ~~34~~, further comprising a memory device configured to store the data.

36. [Previously Presented] The apparatus as in claim 35, wherein the data is stored based upon an identifier associated with the remote sensor.

37-96. [Cancelled]